

Appl. No. 10/659,544

Amdt. Dated July. 9, 2004

Reply to Office Action of April 9, 2004

Amendments to the Specification:

Please replace paragraph [0003] with the following amended paragraph:

[0003] U.S. Patent No. 6,368,123 discloses an electrical card connector having a shutter mechanism for dust-proof. The electrical card connector comprises a guiding frame, a pair of shutter mechanisms, a support frame composed of an upper frame and a lower frame and a pair of mounting pieces. The shutter mechanisms are assembled to the upper frame and the lower frame of the support frame, respectively. The mounting pieces extend backwardly from opposite ends of the support frame respectively, ~~wherein~~ and the mounting pieces are mounted to the mounting holes of the guiding frame of the electrical card connector. The mounting pieces are very slim and are easily deformed. Additionally, the mounting pieces are retained to the shell by screws, the process of assembly is relatively complicated.

Please replace paragraph [0015] with the following amended paragraph:

[0015] The terminal module 12 comprises an insulative housing 121 and a plurality of terminals 122 retained to the insulative housing 121. The shell 13 comprises a cover 131 and a pair of lateral walls 132, 133 extending downwardly from the cover 131. The lateral wall 133 defines a plurality of retaining ports 135 at the upper and bottom side, the lateral wall 132 is formed with a stopping projection 1321 and a locking tab 134 at the front end thereof. The ejector 14 is assembled to the lateral wall 133 of the shell 13 and comprises a plug 142, an engaging ear 143 for mounting the printed circuit board and a frame 141. The

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frame 141 has a plurality of retaining pads ~~143~~145, each is received in corresponding ~~to said retaining~~ ports 135 of the cover 131. The frame 141 of the ejector 14 further comprises a stopping projection 144 thereon. How the ejector 14 works is well known to persons skilled in the pertinent art, so it is not shown in the drawings and not described here. The lateral wall 132 further defines a standoff 210 thereon for supportably positioning the connector on the printed circuit board.

Please replace paragraph [0016] with the following amended paragraph:

[0016] Reference with FIG. 4, the shutter mechanism 15 comprises a mounting member 151, a door member 17 and a resilient member 18. The mounting member 151 comprises a base plate 152 and a first and a second arm 153, 154. The base plate 152 defines a recess 159 thereon. The first arm 153 vertically extends from one of opposite sides of the base plate 152 and defines an opening 156 corresponding to the locking tab 134. The second arm 154 comprises a vertical part 1541 and a horizontal part 1542 connecting to the vertical part 1541. Each of the first arm 153 and the horizontal part 1541 of the second arm 154 defines a rectangular cutout 158 with a metal spring 1580 therein, respectively. The metal springs 1580, respectively, mate with the stopping projections 1321, 144 of the shell 13 and the ejector 14, whereby, the first arm 153 is retained to the lateral wall 133 of the shell 13, and the second arm 154 is retained to the ejector 14. Each of the first and the second arms 153, 154 defines a hole 155 adjacent to the base plate 152. The first arm 153 defines a track 157 above the hole 155 thereof. The door member 17 is assembled to the first and second arm 153, 154 and comprises a base

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portion 171, a protrusion 176 at the center of the base portion 171, a pair of posts 172 formed at the opposite ends of the base portion 171, a cutout 178 adjacent to one of the posts 172 and a positioning post 175 above the one of posts 172 movable along the track 157. The base portion 171 defines a cavity 177 (shown in FIG. 5) at the inner face thereof. The cavity 177 and the post 172 of the door member 17 respectively engaging with the resilient member 18. Meantime, the protrusion 176 of the door member 17 is received in the recess 159 of the mounting member 151. The mounting member 15 further defines a standoff 200 for supportable positioning the connector on the printed circuit board.